

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended). Process for the manufacture of chlorotris(triphenylphosphine)-rhodium(I) by means of causing a reaction of RhCl_3 solution with triphenylphosphine, subsequently cooling down and filtering the crystalline precipitate obtained ~~characterized in that~~ wherein the mixture of the reactants is treated in such a way that

- A is heated up to about 30°C in an initial stage,
- B is heated up from 30 to about 75°C in a second stage,
- C is maintained at 80 to 110°C .

Claim 2 (currently amended). Process for the manufacture of chlorotris(triphenylphosphine)-rhodium(I) by means of causing a reaction of RhCl_3 solution with triphenylphosphine, subsequently cooling down and filtering the crystalline precipitate obtained ~~characterized in that~~ wherein a 30 to 40°C warm mixture of reactants is treated in such a way that

- B is heated up from about 30°C to 40°C to about 75°C ,
- C is maintained at 80 to 110°C .

Claim 3 (currently amended). Process for the manufacture of chlorotris(triphenylphosphine)-rhodium(I) ~~characterized in that~~ wherein

- a solution of RhCl_3 is manufactured in water or an RhCl_3 solution is prepared from a recycling process,
- a solution, if necessary under cooling with a $\text{C}_2\text{-C}_5$ alcohol, is combined with alcohol,
- triphenylphosphine, if necessary under cooling, is added in excess.

A in an initial stage the suspension obtained is heated up from about 5 to 20 to about 30°C ,

B further in a second stage heated up from about 30 to about 75°C ,

C is maintained at 80 to 110°C .

- the solution obtained is cooled down,
- the crystals precipitated out are filtered, washed and subsequently dried.

Claim 4 (currently amended). Process for the manufacture of tris(triphenylphosphine)-rhodium(I) chlorotris(triphenylphosphine)-rhodium(I) ~~characterized in that~~ wherein

- a solution of RhCl_3 is manufactured in water or an RhCl_3 solution is prepared from a recycling process,
 - isopropanol is produced under a protective inert gas,
 - the RhCl_3 solution is added
 - triphenylphosphine is added in excess as an alcoholic solution or suspension
- A** the mixture obtained is heated up from about 20 to about 30°C in an initial stage,
- B** further in a second stage is heated up from about 30 to about 75°C,
- C** is boiled under reflux at 80 to 110°C.
- the solution obtained is cooled down,
 - the crystals precipitated out are filtered, washed with alcohol and/or water and/or petroleum ether and subsequently dried.

Claim 5 (currently amended). Process pursuant to ~~Claims 1 to 4 characterized in that Claim 1, wherein~~ the stages last: A, about ½ to 1 h; B, 1 to 4 h and C, about ½ to 1 h.

Claim 6 (new). Process pursuant to Claim 2, wherein the stages last: A, about ½ to 1 h; B, 1 to 4 h and C, about ½ to 1 h.

Claim 7 (new). Process pursuant to Claim 3, wherein the stages last: A, about ½ to 1 h; B, 1 to 4 h and C, about ½ to 1 h.

Claim 8 (new). Process pursuant to Claim 4, wherein the stages last: A, about ½ to 1 h; B, 1 to 4 h and C, about ½ to 1 h.